What is claimed is:

1. A faced building insulation assembly, comprising:

an insulation layer; the insulation layer having a length, a width and a thickness; the insulation layer having first and second major surfaces defined by the length and width of the layer; and

a facing comprising a sheet having a central field portion overlaying and substantially coextensive with the first major surface of the insulation layer; the central field portion of the sheet having a first outer major surface and a second inner major surface bonded to the first major surface of the insulation layer; the central field portion of the sheet being fungi growth resistant; and the facing, as bonded to the insulation layer, being fungi growth resistant.

2. The faced building insulation assembly according to claim 1, wherein:

the central field portion of the sheet exhibits no more than traces of sporulating growth, non-sporulating growth, or both sporulating and non-sporulating growth; and the facing, as bonded to the insulation layer, exhibits no more than traces of sporulating growth, non-sporulating growth, or both sporulating and non-sporulating growth.

3. The faced building insulation assembly according to claim 1, wherein:

the central field portion of the sheet exhibits no sporulating or non-sporulating growth; and the facing, as bonded to the insulation layer, exhibits no sporulating growth or non-sporulating growth.

4. The faced building insulation assembly according to claim 1, wherein:

the sheet has first and second lateral tabs extending for the length of the sheet that are separated from each other by the central field portion of the sheet.

5. The faced building insulation assembly according to claim 4, wherein:

the insulation layer is separable longitudinally by hand at a location spaced inwardly from lateral edge surfaces of the insulation layer; and

the sheet has a longitudinally extending fold in the central field portion of the sheet that extends for the length of the sheet, is spaced inwardly from each of the lateral tabs, and is aligned longitudinally with the separable location in the insulation layer; and the fold comprises first and second tab segments separably joined together along a fold line that is weakened to facilitate separation by hand of the tab segments.

6. The faced building insulation assembly according to claim 1, wherein:

the insulation layer is resilient; the insulation layer is separable longitudinally by hand at a location spaced inwardly from lateral edge surfaces of the insulation layer; and

the sheet has a longitudinally extending line of weakness in the central field portion of the sheet that extends for the length of the sheet, is spaced inwardly from each lateral edge of the sheet, is aligned longitudinally with the separable location in the insulation layer, and is separable by hand.

7. The faced building insulation assembly according to claim 1, wherein:

the sheet consists essentially of a synthetic paper-like polymeric film layer between about 0.5 and about 3 mils in thickness.

8. The faced building insulation assembly according to claim 7, wherein:

the synthetic paper-like polymeric film layer contains the fungi growth-inhibiting agent; and

the central field portion of the sheet is bonded to the first major surface of the insulating layer by a heat activated bonding layer.

9. The faced building insulation assembly according to claim 1, wherein:

the sheet comprises a polymeric film layer; the sheet is sufficiently clear to enable the first major surface of the insulation layer to be seen through the central field portion of the sheet and is bonded to the insulation layer so that the first major surface of the insulation layer can be seen through the central field portion of the sheet.

10. The faced building insulation assembly according to claim 9, wherein:

a fungi growth-inhibiting agent is contained within the polymeric film layer of the sheet; and

the central field portion of the sheet is bonded to the first major surface of the insulating layer by a heat activated bonding layer.

11. The faced building insulation assembly according to claim 1, wherein:

the sheet consists essentially of an outer mineral coating layer and an intermediate polymeric film layer between about 1 mil or less in thickness; and the sheet includes a fungi growth-inhibiting agent.

12. The faced building insulation assembly according to claim 11, wherein:

the central field portion of the sheet is bonded to the first major surface of the insulation layer by a heat activated bonding layer.

13. The faced building insulation assembly according to claim 11, wherein:

the fungi growth-inhibiting agent is contained within the outer mineral coating layer of the sheet.

14. The faced building insulation assembly according to claim 1, wherein:

the sheet consists essentially of an outer mineral coating layer and an inner lightweight 20 to 40 lbs/3MSF kraft paper layer; and the sheet includes a fungi growth-inhibiting agent.

15. The faced building insulation assembly according to claim 14, wherein:

the central field portion of the sheet is bonded to the first major surface of the insulation layer by a heat activated bonding layer.

16. The faced building insulation assembly according to claim 1, wherein:

the sheet consists essentially of an outer polymeric film or coating layer and an inner lightweight natural kraft paper layer; the sheet includes a fungi growth-inhibiting agent;

the central field portion of the sheet is bonded to the first major surface of the insulation layer by a heat activated bonding layer that is a polymeric film or coating layer; and

the outer polymeric film or coating layer and the heat activated bonding layer encapsulate the natural kraft paper layer.

17. The faced building insulation assembly according to claim 16, wherein:

the fungi growth-inhibiting agent is contained within the outer polymeric film or coating layer of the sheet.

18. The faced building insulation assembly according to claim 1, wherein:

the sheet consists essentially of a mat layer; and

the central field portion of the sheet is bonded to the first major surface of the insulation layer by a heat activated bonding layer.

19. The faced building insulation assembly according to claim 18, wherein:

the mat layer is a spunbond nonwoven continuous polymeric filament mat weighing between about 15 and about 30 grams per square meter.

20. The faced building insulation assembly according to claim 18, wherein:

the mat layer is a nonwoven fiberglass mat weighing between about 20 and about 80 grams per square meter.

21. The faced building insulation assembly according to claim 1, wherein:

the sheet consists essentially of an outer polymeric film or coating layer and an inner mat layer; the sheet includes a fungi-growth inhibiting agent; and

the central field portion of the sheet is bonded to the first major surface of the insulation layer by a heat activated bonding layer.

22. The faced building insulation assembly according to claim 21, wherein:

the mat layer is a spunbond nonwoven continuous polymeric filament mat weighing between about 15 and about 30 grams per square meter.

23. The faced building insulation assembly according to claim 1, wherein:

the sheet comprises a laminate formed from a collapsed tubular sheet; the tubular sheet having first and second lateral gusset portions; the tubular sheet having first and second central portions extending between and joining the lateral gusset portions; each of the lateral gusset portions having at least four layers bonded together to form lateral tabs on the sheet; and the first and second central portions of the tubular sheet being bonded together to form the central field portion of the sheet.

24. The faced building insulation assembly according to claim 1, wherein:

the sheet includes a pesticide; and

the faced insulation assembly has a flame spread and smoke developed rating equal to or less than 25/50 as measured by the ASTM E 84-01 tunnel test method.

25. The faced building insulation assembly, according to claim 1, wherein:

the insulation layer is resilient; and the first major surface of the insulation layer has lateral edge portions extending inward from and along lateral edges of the first major surface; and

the sheet has lateral edge portions overlaying the lateral edge portions of the first major surface of the insulation layer; the central field portion of the sheet extends between the lateral edge portions of the sheet; and the lateral edge portions of the sheet are not bonded to the lateral edge portions of the insulation layer whereby when the insulation layer is compressed laterally, the lateral edge portions of the facing sheet extend beyond the lateral edges of the first major surface of the insulation layer to form tabs.

26. A facing for a faced building insulation assembly, comprising:

a sheet having a length and a width; the sheet having a central field portion for overlaying and being bonded to a major surface of an insulation layer; the central field portion of the sheet having a first outer major surface and a second inner major surface for bonding to a major surface of an insulation layer overlaid by the sheet; and the sheet being fungi growth resistant.

27. The facing for a faced building insulation assembly according to claim 26, wherein:

the sheet exhibits no more than traces of sporulating growth, non-sporulating growth, or both sporulating and non-sporulating growth.

28. The facing for a faced building insulation assembly according to claim 26, wherein:

the sheet exhibits no sporulating growth or non-sporulating growth.

29. The facing for a faced building insulation assembly according to claim 26, wherein:

the sheet has first and second lateral tabs extending for the length of the sheet that are separated from each other by the central field portion of the sheet.

30. The facing for a faced building insulation assembly according to claim 26, wherein:

the sheet has first and second lateral tabs extending for the length of the sheet that are separated from each other by the central field portion of the sheet; and

the sheet has at least one longitudinally extending fold in the central field portion of the sheet that extends for the length of the sheet and is spaced inwardly from each of the lateral tabs; and the fold comprises first and second tab segments separably joined together along a fold line that is weakened to facilitate separation by hand of the tab segments.

31. The facing for a faced building insulation assembly according to claim 26, wherein:

the central field portion of the sheet is a laminate; and

a heat activated bonding layer forms the second inner major surface of the sheet.

32. The facing for a faced building insulation assembly according to claim 31, wherein:

the sheet consists essentially of an outer synthetic paper-like polymeric film layer between about 0.5 and about 3 mils in thickness and the heat activated bonding layer.

33. The facing for a faced building insulation assembly according to claim 32, wherein:

a fungi growth-inhibiting agent is contained within the outer synthetic paper-like polymeric film layer of the sheet.

34. The facing for a faced building insulation assembly according to claim 31, wherein:

the sheet comprises an outer polymeric film layer between about 0.5 and about 3 mils in thickness and the heat activated bonding layer; and the sheet is sufficiently clear to enable an insulation layer faced with the facing to be seen through the central field portion of the sheet.

35. The facing for a faced building insulation assembly according to claim 34, wherein:

a fungi growth-inhibiting agent is contained within the outer polymeric film layer of the sheet.

36. The facing for a faced building insulation assembly according to claim 31, wherein:

the sheet consists essentially of an outer mineral coating layer, an intermediate polymeric film layer between about 1 mil or less in thickness, the heat activated bonding layer, and a fungi growth-inhibiting agent.

37. The facing for a faced building insulation assembly according to claim 36, wherein:

the fungi growth-inhibiting agent is contained within the outer mineral coating layer of the sheet.

38. The facing for a faced building insulation assembly according to claim 31, wherein:

the sheet consists essentially of an outer mineral coating layer, an intermediate lightweight 20 to 40 lbs/3MSF kraft paper layer, the heat activated bonding layer, and a fungi growth-inhibiting agent.

39. The facing for a faced building insulation assembly according to claim 38, wherein:

the fungi growth-inhibiting agent is contained within the outer mineral coating layer of the sheet.

40. The facing for a faced building insulation assembly according to claim 31, wherein:

the sheet consists essentially of an outer polymeric film or coating layer, an intermediate lightweight natural kraft paper layer, the heat activated bonding layer, and a fungi growth-inhibiting agent; the heat activated bonding layer is a polymeric film or coating layer; and the outer polymeric film or coating layer and the heat activated bonding layer encapsulate the natural kraft paper layer.

41. The facing for a faced building insulation assembly according to claim 40, wherein:

the fungi growth-inhibiting agent is contained within the outer polymeric film or coating layer of the sheet.

42. The facing for a faced building insulation assembly according to claim 31, wherein:

the sheet consists essentially of an outer mat layer and the heat activated bonding layer.

43. The facing for a faced building insulation assembly according to claim 42, wherein:

the mat layer is a spunbond nonwoven continuous polymeric filament mat weighing between about 15 and about 30 grams per square meter.

44. The facing for a faced building insulation assembly according to claim 42, wherein:

the mat layer is a nonwoven fiberglass mat weighing between about 20 and about 80 grams per square meter.

45. The facing for a faced building insulation assembly according to claim 31, wherein:

the sheet consists essentially of an outer polymeric film or coating layer, an intermediate mat layer, the heat activated bonding layer, and a fungi-growth inhibiting agent.

46. The facing for a faced building insulation assembly according to claim 45, wherein:

the mat layer is a spunbond nonwoven polymeric filament mat weighing between about 15 and about 30 grams per square meter.

47. The facing for a faced building insulation assembly according to claim 45, wherein:

the mat layer is a nonwoven fiberglass mat weighing between about 20 and about 80 grams per square meter.

48. The facing for a faced building insulation assembly according to claim 26, wherein:

the sheet comprises a laminate formed from a collapsed tubular sheet; the tubular sheet having first and second lateral gusset portions; each of the lateral gusset portions having at least four layers bonded together to form lateral tabs on the sheet; the tubular sheet having first and second central portions extending between and joining the lateral gusset portions; and the first and second central portions of the tubular sheet being bonded together to form the central field portion of the sheet; and

a heat activated bonding layer on the central field portion of the sheet forms the second inner major surface of the sheet.

49. The facing for a faced building insulation assembly according to claim 26, wherein:

the sheet includes a pesticide.

50. The facing for a faced building insulation assembly according to claim 26, wherein:

the central field portion of the sheet has a water vapor permeance rating greater than 1 perm.

51. A faced building insulation assembly, comprising:

a facing comprising sheet; the facing sheet having lateral edge portions and a central field portion extending between the lateral edge portions of the facing sheet; the facing sheet being fungi growth resistant;

a reflective sheet material; the reflective sheet material having lateral edge portions and a central field portion extending between the lateral edge portions of the reflective sheet material; and

the lateral edge portions of the facing sheet being bonded to the lateral edge portions of the reflective sheet material; and the central field portion of the facing sheet being spaced from the central field portion of the reflective sheet material to form an insulating space within the faced insulation assembly.

52. The faced building insulation assembly according to claim 51, wherein:

the facing sheet exhibits no more than traces of sporulating growth, non-sporulating growth, or both sporulating and non-sporulating growth.

53. The faced building insulation assembly according to claim 51, wherein:

the facing sheet exhibits no sporulating or non-sporulating growth.

54. The faced building insulation assembly according to claim 51, wherein:

the fungi growth resistant sheet material includes a pesticide.

55. The faced building insulation assembly according to claim 51, wherein:

the central field portion of the facing sheet has a water vapor permeance rating of about 5 perms or greater.